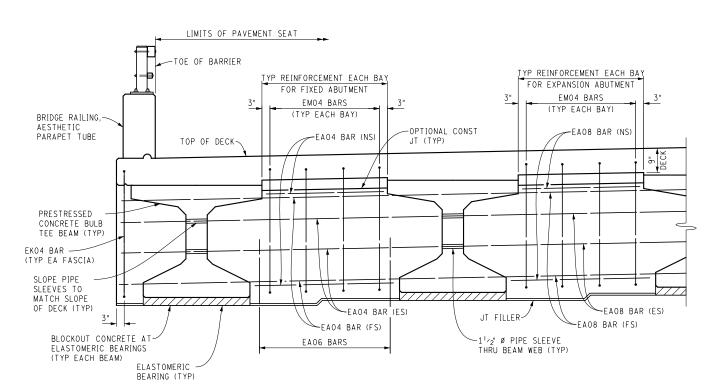


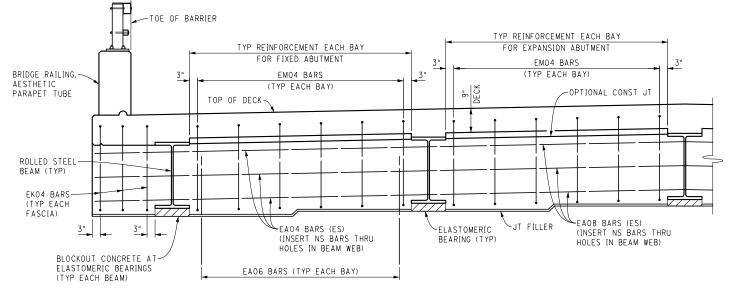
### <u>TYPICAL ABUTMENT BACKWALL - SPREAD BOX BEAM</u>



TYPICAL ABUTMENT BACKWALL - BULB TEE BEAM

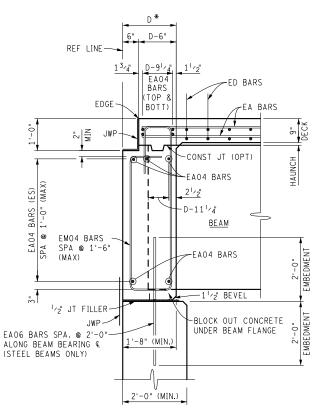
#### FOR INFORMATION ONLY:

- \* THE BACKWALL THICKNESS "D" IS THE GREATER OF:
- 1) 1'-8" OR THE BEARING DIMENSION PLUS 1/2 THE BEARING WIDTH (FOR 90° CROSSINGS)
- 2) 1'-8" OR THE BEARING DIMENSION PLUS THE PRODUCT OF  $^{1}\prime_{2}$  FLANGE WIDTH AND COSINE ANGLE OF CROSSING (FOR SKEWED CROSSINGS)
- THE ABOVE NOTES ARE FOR INFORMATION ONLY AND SHOULD NOT BE INCLUDED ON THIS SHEET.



LIMITS OF PAVEMENT SEAT

### TYPICAL ABUTMENT BACKWALL - ROLLED STEEL BEAM



# TYPICAL BACKWALL SECTION (FIXED)

CAST LOWER PORTION OF THE BACKWALL PRIOR TO PLACING DECK REINFORCEMENT. (USE WITH MANDITORY JOINT)

IF A CONSTRUCTION JOINT IS USED, CAST THE LOWER PORTION OF THE BACKWALL PRIOR TO PLACING DECK REINFORCEMENT.

## NOTES:

- \*\* IF A CONSTRUCTION JOINT IS NOT USED, THE CONTRACTOR IS TO PROVIDE A SAWED JOINT (1/2 DECK SLAB THICKNESS)" DEEP BY 1/4" WIDE (MINIMUM) IN THE TOP OF SLAB AT TRANSVERSE CONSTRUCTION JOINTS OVER THE BACKWALL. IF A CONSTRUCTION JOINT IS NOT USED, THE JOINT IS TO BE SAWED WITHIN 24 HOURS OF PLACING THE CURING AND IS TO BE FILLED TO 1/2" BELOW TOP OF CONCRETE WITH POLYURETHANE OR POLYURETHANE HYBRID SEALANT.
- NS DENOTES NEAR SIDE.
- FS DENOTES FAR SIDE.
- ES DENOTES EACH SIDE.
- JWP DENOTES JOINT WATERPROOFING.

EAO8 BARS (ES) 9" MIN MATCH ROAD APPROACH SPA @ 1'-0" (MAX) SLAB THICKNESS	REF LINE  2'-0" MIN LAP DECK REINF INTO APPROACH SLAB (BOTT ONLY)  ** SEE NOTE  BARS TOP 8 BOTT)  BARS TOP 8 BARS OPTIONAL CONST JT (IF CONST JT IS USED, CAST LOWER PROTION OF BACKWALL PRIOR TO PLACING DECK REINFORCEMENT)
3"	2" BEVEL (MANDATORY) JWP  1" JT FILLER 1'-10" (MIN.)  2'-0" (MIN.)

### TYPICAL BACKWALL SECTION (EXPANSION)

CAST LOWER PORTION OF THE BACKWALL PRIOR TO PLACING DECK REINFORCEMENT. (USE WITH MANDITORY JOINT)

IF A CONSTRUCTION JOINT IS USED, CAST THE LOWER PORTION OF THE BACKWALL PRIOR TO PLACING DECK REINFORCEMENT.

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE: )				DATE: 05/09/18	CS:	SUPERSTRUCTURE DETAILS	DRAWING	G SHEET
NO. DATE AUTH DESCRIPTION NO. DATE AUTH DESCRIPTIO		<b>NO SCALE</b>		DESIGN UNIT:	JN:		DECK	SECT
			FILE: Deck_002.dgn	TSC:			002	